

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Oct/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.673	1339.186	1) Gujrat	2.321	45.856
2) Hydro	3.518	77.922	2) Madhya Pradesh	8.515	60.845
3) Gas	6.584	58.613	3) Chattisgarh	6.760	57.090
Total MSPGCL	145.775	1475.721	4) Maharashtra	136.083	1235.483
B) 1) APML	58.946	629.746	5) Goa (Amona)	-1.377	-15.617
2) JSWEL	24.237	237.524	Total	152.302	1383.657
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.224	215.358
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.294	253.016
5) WPCL	8.307	47.670	c) MSEDCL Bilateral *	45.770	342.456
6) Other IPP	9.626	92.635	Include PX	14.695	61.395
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.224	215.358
C) 1) TPCL Thermal	9.817	88.893	Include PX	9.761	79.195
2) TPCL Hydro	3.626	38.696	Standby	0.000	0.000
3) TPCL Gas	4.382	43.763	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.970	103.279	1) MSEDCL	383.160	3767.955
D) STATE			2) Mumbai Discoms	55.085	527.643
1) Thermal	257.576	2538.933	TOTAL STATE	438.245	4295.598
(A1+C1+C4+(B1-B6))					
2) Hydro	7.144	116.618			
(A2+C2)					
3) Gas	10.966	102.376			
(A3+B7+C3)					
4) Wind	4.996	93.635			
6) SOLAR	5.265	60.383			
TOTAL STATE	285.947	2911.945			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5764	5781	5816	5739
MSPGCL Hydro	112	103	604	87
MSPGCL Gas	255	255	280	279
MSPGCL Total Generation	6131	6139	6700	6105
Central Sector Receipt	7908	7085	5476	5461
WIND	72	85	563	99
CPP / IPP Thermal	4379	4363	4261	4143
CPP / IPP Gas	0	0	0	0
SOLAR	809	757	0	0
Exchange with Mumbai	-1489	-1483	-926	-1122
MSEDCL DEMAND MET	17810	16946	16074	14686
Load Shedding	0	0	0	0
MSEDCL DEMAND	17810	16946	16074	14686
TPCL GENERATION	620	649	1100	478
AEML GENERATION	500	495	500	372
MUMBAI DEMAND	2609	2627	2526	1972
STATE DEMAND MET	20419	19573	18600	16658
STATE DEMAND	20419	19573	18600	16658
Frequency (Hz)	49.99	50.00	50.00	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 18.00 Hrs	49.82 Hz at 17.37 Hrs	50.01	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 10/Oct/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	8.81	103.72	510	0
Unit 9	9.40	92.87	420	362
Unit 10	8.02	82.00	355	320
Total	26.23	278.58		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.30	104.05	490	360
Unit 5	10.55	104.70	500	355
Total	20.84	208.75		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.29	21.92	250	185
Unit 7	5.46	22.40	248	187
Unit 8	5.56	25.44	250	190
Total	16.31	69.75		
Chandrapur				
Unit 3	0.00	2.16	0	0
Unit 4	3.58	23.99	155	143
Unit 5	9.97	99.70	425	385
Unit 6	8.90	97.94	420	61
Unit 7	0.00	0.00	0	0
Unit 8	11.02	104.72	470	440
Unit 9	10.50	106.42	455	404
Total	43.98	434.92		
Paras				
Unit 3	0.06	41.52	60	0
Unit 4	5.17	50.43	232	204
Total	5.23	91.95		
Khaparkheda				
Unit 1	2.90	33.32	165	95
Unit 2	3.15	39.67	160	110
Unit 3	3.33	38.79	170	120
Unit 4	4.14	40.04	180	140
Unit 5	9.57	103.42	460	345
Total	23.08	255.24		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	6.58	58.61	291	255
Total	6.58	58.61		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.77	7.36	54	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.77	7.36		
Koyna				
Stage 1-2	2.00	31.64	275	40
Stage 4	0.12	18.26	106	0
Stage 3	0.31	11.40	80	0
Total	2.43	61.29		
Hydro				
KDPH	0.00	0.77	0	0
VTRNA	0.00	0.49	0	0
TILLARI	0.00	3.99	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.39	3.23	40	0
RNGR+BHTSA	0.00	0.14	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.54	5.32	23	22
SMLHY_PTN	0.00	0.34	0	0
GHATGHAR	0.16	2.34	94	0
Total	1.09	16.64		
Wind				
Total	5.00	93.64	0	0
Total	5.00	93.64		
CPP				
APML(Mus)	58.95	629.75	0	0
JSWEL(Mus)	24.24	237.52	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	8.31	47.67	0	0
Other(Mus)	9.63	92.64	0	0
Total	101.12	1007.58		
SOLAR				
Total	5.26	60.38	0	0
Total	5.26	60.38		
Tata				
Trombay 5	9.82	88.89	464	294
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	28.02	118	116
Trombay 7B	1.58	15.74	66	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	3.63	38.70	459	2
Total	17.82	171.35		
AEML				
DTPS U-1&2	10.97	103.28	502	371
Total	10.97	103.28		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.67	1339.19	MSPGCL Total	145.78	1475.72
			MSPGCL Thml+Gas	142.26	1397.80	Koyna 1,2 & 4 Total	2.12	49.89
			MSPGCL Hydro	3.52	77.92	State Total	285.95	2911.94

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Oct/2020

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5847	93	280	6220	150	4267	0	0	5543	5384	-1153	14868	0	14868	2278	17146	50.01
2	5827	68	279	6174	147	4219	0	0	5541	5467	-1183	14824	0	14824	2097	16921	50.02
3	5739	87	279	6105	99	4143	0	0	5346	5461	-1122	14686	0	14686	1972	16658	50.01
4	5870	72	279	6221	92	4080	0	0	5519	5601	-1050	14944	0	14944	1903	16847	50.00
5	5818	72	280	6170	62	4239	0	0	5761	5805	-995	15281	0	15281	1846	17127	50.01
6	5825	187	269	6281	38	4284	0	0	6297	6302	-904	16001	0	16001	1865	17866	49.98
7	5808	263	279	6350	20	4311	0	19	7146	7169	-747	17122	0	17122	1881	19003	50.02
8	5922	90	279	6291	50	4248	0	172	7642	7701	-784	17678	0	17678	1938	19616	50.04
9	5909	102	279	6290	17	4282	0	431	7447	7318	-1003	17335	0	17335	2098	19433	50.02
10	5820	112	267	6199	20	4363	0	635	7439	7400	-1331	17286	0	17286	2308	19594	50.03
11	5796	102	277	6175	32	4442	0	736	7729	7713	-1558	17540	0	17540	2498	20038	50.01
12	5764	112	255	6131	72	4379	0	809	7960	7908	-1489	17810	0	17810	2609	20419	49.99
13	5781	103	255	6139	85	4363	0	757	7530	7085	-1483	16946	0	16946	2627	19573	50.00
14	5768	118	265	6151	97	4377	0	766	7237	6525	-1538	16378	0	16378	2564	18942	50.00
15	5595	106	267	5968	258	4191	0	511	7298	7078	-1336	16670	0	16670	2634	19304	49.99
16	5443	68	267	5778	494	4087	0	298	6904	6276	-1015	15918	0	15918	2592	18510	50.03
17	5541	68	268	5877	665	3803	0	107	6400	6011	-931	15532	0	15532	2520	18052	49.99
18	5534	272	279	6085	584	3705	0	24	6063	5926	-911	15413	0	15413	2499	17912	49.94
19	5816	604	280	6700	563	4261	0	0	5812	5476	-926	16074	0	16074	2526	18600	50.00
20	5539	314	291	6144	356	4329	0	0	5665	5778	-896	15711	0	15711	2494	18205	50.03
21	5443	162	280	5885	295	4166	0	0	5354	5568	-806	15108	0	15108	2393	17501	50.01
22	5411	147	270	5828	310	4183	0	0	5011	5450	-819	14952	0	14952	2324	17276	50.03
23	4878	108	290	5276	279	4078	0	0	5853	6046	-1118	14561	0	14561	2312	16873	49.99
24	4979	88	270	5337	211	4316	0	0	5561	5854	-1196	14522	0	14522	2311	16833	50.02
MUs	135.67	3.52	6.58	145.77	5.00	101.12	0.00	5.27	154.06	152.30	-26.29	383.16	0.00	383.16	55.09	438.25	50.01

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Oct/2020

Position as on 6.30 Hrs of 11/Oct/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.(Converted zero schedule from 25.03.2020)	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Chandrapur Unit 7	500	29/09/2020	01.58		Continued.	Tripped On Generator Protection.	
MSPGCL	Ghatghar Unit-1	125	30/09/2020	18.05		Continued.	Turbine Guide Bearing problem	
MSPGCL	Chandrapur Unit 3	210	01/10/2020	16.00		Continued.	Main turbine bearing problem.	
MSPGCL	Paras Unit 3	250	09/10/2020	02.51	10/10/2020	23.14	Boiler Tube Leakage	
IPP	Adani U-2	660	09/10/2020	12.16		Continued.	Genrator seal oil problem	
MSPGCL	Koradi Unit-8	660	10/10/2020	19.34		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	10/10/2020	22.16		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	11/10/2020	11.05	11/10/2020	14.36	Tripped on jurk due to auto reclose of 400kv chandrapur switching to chandrapur ii ckt 1.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Oct/2020

Position as on 6.30 Hrs of 11/Oct/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 9	660	11/10/2020	18.16		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 11/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	10/10/2020	06.39	10/10/2020	12.04	PO	Smoothing Reactor Oil Filtration
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Waluj Aurangabad(PG)- I	InterState	07/10/2020	11.47		Continued.	PO	Breaker replacement works.
Dhule Sar'Sarovar II	InterState	09/10/2020	16.55		Continued.	HT	Over Voltage
Chandrapur Bhadravati IV	InterState	10/10/2020	10.00	10/10/2020	18.30	T	Distance Protection
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage (Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Jaigad-Karad Ckt-I	IntraState	27/09/2020	18.59		Continued.	T	Distance Protection(Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Padghe - Nagothane - I	IntraState	09/10/2020	12.49	10/10/2020	18.25	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	09/10/2020	19.04	10/10/2020	06.09	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	09/10/2020	20.30	10/10/2020	06.04	HT	Over Voltage
Lonikand 1 -Jejuri	IntraState	10/10/2020	08.02	10/10/2020	22.01	T	Conductor Snapped
Kalwa - Talegaon(PG)	IntraState	10/10/2020	13.47		Continued.	T	Distance Protection
Girwali- Lonikand 2	IntraState	10/10/2020	14.34	11/10/2020	07.25	T	Distance Protection
Dhule- Bableshwar - I	IntraState	10/10/2020	18.06		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	10/10/2020	20.07		Continued.	HT	Over Voltage
Chandrapur II - Chandrapur SW Ckt I	IntraState	11/10/2020	15.21		Continued.	PO	Wave Trap Replacement work
Akola II - RPL(Rattanindia) Ckt I	IntraState	11/10/2020	21.08		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/09/2020	09.58		Continued.	PO	Replacement of Existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
Kharghar-Borivali ckt II	IntraState	11/08/2020	01.45		Continued.	T	Speacial Repair Cable work
Theur-Phursungi	IntraState	14/08/2020	09.46		Continued.	HT	Outage Arrangement HTLS Work.
Theur- Magar Patta City	IntraState	14/08/2020	10.27		Continued.	HT	Outage Arrangement HTLS Work.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower Due to Railway Crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower Due to Railway Crossing
Mahad - Pedambe	IntraState	08/10/2020	17.00	10/10/2020	18.40	T	Distance Protection
Ghatghar - Jindal	IntraState	09/10/2020	09.45	11/10/2020	20.25	PO	CB Overhauling work at jindal end
Amalner - Bambhori	IntraState	10/10/2020	09.25	10/10/2020	14.31	PO	Tan Delta Measurment of CTs
Chandrapur(MIDC)-Ballarshah II	IntraState	10/10/2020	09.26	10/10/2020	19.10	PO	Line Rectification work
Dhule - Malegaon	IntraState	10/10/2020	10.00	10/10/2020	13.00	PO	Testing Work
Lonand-Baramati	IntraState	10/10/2020	12.25	11/10/2020	12.12	T	Overloading
Kandalgaon - Sona Alloys	IntraState	10/10/2020	12.25	11/10/2020	12.00	T	Distance Protection
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	10/10/2020	18.43	10/10/2020	19.34	T	Distance Protection
Halkarni-Mahalaxmi line	IntraState	10/10/2020	19.14	10/10/2020	20.25	T	Distance Protection

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 11/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pusad - Hingoli	IntraState	10/10/2020	21.55	10/10/2020	22.10	T	Distance Protection
Nerul-Trombay	IntraState	11/10/2020	06.35	11/10/2020	18.39	PO	Pile foundation work by MMRDA.
PAL DOMBIVALI - PALAVA	IntraState	11/10/2020	08.38	11/10/2020	17.28	PO	Fixing of Additional jumper at STN cut point location .
Pigasus-Hinjewadi-II	IntraState	11/10/2020	09.05	11/10/2020	12.23	PO	Attending Hot Spot
Chandrapur(MIDC)-Ballarshah II	IntraState	11/10/2020	09.48	11/10/2020	19.23	PO	Rectification work of 220 kv m/c line from 400kv chd-ii to 220 kv midc s/stn. between loc. no. 29/0 to 35/0.
Karad(400kv) - Wathar	IntraState	11/10/2020	12.58	11/10/2020	19.38	PO	Line Maintenance work
Nanded - Parli Ext. Ckt I	IntraState	11/10/2020	16.05		Continued.	T	Distance Protection